Soil clean up levels

Inorganic Chemicals	California		Federal	
	Residential (mg/kg)	Commercial/Industrial (mg/kg)	Residential (mg/kg)	Commercial/Industrial (mg/kg)
Antimony & compounds[1]	30	380	31	470)
Arsenic	0.07	0.24	0.68	3.0
Barium & compounds	5,200	63,000	15,000	220,000
Beryllium & compounds	16	190	160	2300
Cadmium & compounds	1.7	7.5	71	980
Chromium III	100,000	100,000	120,000	1,800,000
Chromium VI	17	37	0.30	6.3
Cobalt	660	3,200	23	350
Copper & compounds	3,000	38,000	3,100	47,000
Fluoride	4,600	57,000	3,100	47,000
Lead & compounds	80	320	400	800
Mercury & compounds	18	180	11	46
Molybdenum	380	4800	390	5,800
Nickel & compounds[2]	1,600	16,000	820	11,000
Nickel subsulfide[3]	0.38	11,000	0.41	1.9
Selenium	380	4,800	390	5,800
Silver & compounds	380	48,00	390	5,800
Thallium & compounds[4]	5.0	63	0.78	12
Vanadium & compounds	530	6,700	390	5,800
Zinc	23,000	100,000	23,000	350,000

Federal data source: USEPA Regional Screening Levels (RSLs); California data source: CalEPA OEHHA – California Human Health Screening Levels (CHHSLs);

1. Federal levels based on Antimony tetroxide
2. Federal level based on Nickel refinery dust (see USEPA RSLs for other forms https://www.epa.gov/risk/regional-screening-levels-rsls-generic-tables-may-2016
3. These metal salts are significantly (greater than 10-fold) more toxic than the values for the metals in general. If it is known that this chemical was used at the site, the screening number for this chemical should be used instead of the screening number for the metal and its compounds.
4. Federal levels based on thallium soluble salts, thallium acetate, thallium nitrate, thallium chloride, thallium selenite (see USEPA RSLs for other forms https://www.epa.gov/risk/regional-screening-levels-rsls-generic-tables-may-2016